

Table C-8. Federal obligations for total research and development, by agency and performer: fiscal year 1999

[Dollars in millions]

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Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by in- dustrial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Total, all agencies	75,340.6	18,084.7	31,901.7	1,328.0	14,959.1	3,896.4	3,608.7	913.2	357.5	291.4
Departments:										
Department of Agriculture, total	1,614.1	1,082.7	18.5	.0	491.8	.0	13.7	.0	3.6	3.8
Agricultural Marketing Service	4.7	4.4	.0	.0	.3	.0	.0	.0	-	.0
Agricultural Research Service	855.1	802.6	.0	.0	45.8	.0	3.1	.0	.0	3.5
Animal & Plant Hlth Inspection Svc	20.4	14.3	.0	.0	6.1	.0	.0	.0	.0	.0
Cooperative State Research, Education, & Extension Service	462.5	26.1	13.9	.0	414.6	.0	6.3	.0	1.8	.0
Economic Research Service	62.5	52.6	4.4	.0	3.5	.0	2.0	.0	.0	-
Food Safety Inspection Service .....	.7	.6	.0	.0	.0	.0	-	.0	.0	.0
Foreign Agricultural Service	1.4	.8	.0	.0	.6	.0	.0	.0	.0	.0
Forest Service	197.0	173.8	.2	.0	19.9	.0	1.1	.0	1.8	.2
Grain Inspection Packers & Stockyards Administration	2.7	2.7	.0	.0	.0	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.6	3.3	.0	.0	.2	.0	.1	.0	.0	.0
Rural Business-Cooperative Service	3.5	1.4	.0	.0	.8	.0	1.3	.0	.0	.0
Department of Commerce, total	990.2	713.2	158.1	.1	102.1	.1	10.2	-	5.5	1.0
Bureau of the Census	15.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0
Economic Development Admin .....	.6	.1	.2	.0	.3	.0	.0	.0	.0	.0
Nat'l Inst of Standards & Tech	402.2	231.9	156.2	.1	12.6	-	1.2	-	.0	.2
Nat'l Oceanic & Atmospheric Admin	547.2	458.6	1.7	.0	84.4	.1	1.2	.0	.5	.8
National Telecommunications & Information Administration	25.2	7.6	.0	.0	4.8	.0	7.8	.0	5.0	.0
Department of Defense, total	35,645.9	8,557.2	24,620.5	79.1	1,474.0	275.9	182.9	358.4	13.0	85.1
Department of Defense, research	4,142.3	1,486.1	1,424.6	17.3	989.0	76.8	91.0	27.1	7.3	23.1
Dept of Defense, development, total	31,503.6	7,071.2	23,195.9	61.8	485.0	199.0	91.8	331.3	5.6	62.0
Department of Defense, advanced technology development	4,262.2	1,122.0	2,698.0	21.0	230.9	70.6	69.5	41.4	5.5	3.2
Department of Defense, major systems development	27,241.4	5,949.2	20,497.9	40.7	254.1	128.4	22.4	289.9	.1	58.8
Department of the Air Force, research & development (R&D)	14,022.3	1,156.1	12,530.4	21.5	121.5	14.9	17.9	145.1	5.5	9.4
Department of the Army, R&D	5,038.9	2,135.6	2,628.7	4.5	131.9	43.1	24.5	53.8	7.5	9.3
Department of the Navy, R&D	8,826.8	3,242.0	4,956.4	4.6	445.3	23.7	63.9	75.6	.0	15.3
Defense Agencies, R&D, total	7,455.9	1,907.6	4,346.3	48.4	772.6	194.1	76.6	59.1	.0	51.1
Ballistic Missile Defense Organization, R&D	3,186.2	609.3	2,363.3	21.4	76.8	55.8	.7	17.5	.0	41.4
Defense Advanced Research Projects Agency, R&D	1,947.2	194.9	1,152.4	12.2	410.0	87.9	60.3	23.8	.0	5.7
Defense Information Systems Agency, R&D	123.8	51.0	58.0	.0	.0	.3	6.8	7.7	.0	.0
Defense Logistics Agency, R&D	72.1	43.0	21.5	.0	3.5	.2	.6	3.3	.0	.0
Defense Threat Reduction Agency, R&D	342.6	95.1	233.0	2.3	5.2	.5	2.2	.4	.0	4.0
Joint Staff, R&D	159.5	159.5	.0	.0	.0	.0	.0	.0	.0	.0
Special Operations Command, R&D ... Washington Headquarters Services, R&D	200.7	74.9	124.0	.0	1.8	.0	.0	.0	.0	.0
Operational Test & Evaluation, R&D, Director	1,423.7	680.0	394.2	12.5	275.2	49.5	6.0	6.4	.0	-
Test & Evaluation, R&D, Deputy Under Secretary of Defense	44.7	8.5	16.2	.0	.0	.0	.0	20.0	.0	.0
Under Secretary of Defense	257.3	107.4	142.5	-	2.6	.0	.0	4.8	.0	.0
Department of Education	223.7	16.8	14.1	.0	134.6	.0	57.5	.0	.7	.0
Department of Energy	6,009.7	578.5	977.8	1,074.6	630.3	2,139.0	87.0	515.8	4.4	2.3

See explanatory information, if any, and SOURCE at end of table.

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Dept of Health & Human Svcs, total	15,914.7	3,128.2	983.3	152.4	8,983.1	37.1	2,457.9	19.6	104.2	48.9
Administration on Aging	18.5	.5	1.6	.0	1.3	.0	8.5	.0	6.6	.0
Admin for Children & Families	24.9	1.7	2.5	.0	10.0	.0	9.1	.0	1.6	-
Agency for Healthcare Research and Quality ²	182.3	56.8	43.3	.0	50.6	.0	31.6	.0	.0	.0
Centers for Disease Control & Prevention	433.3	294.3	1.4	.0	95.5	.0	36.7	.0	5.5	.0
Food & Drug Administration	130.8	108.3	2.6	.0	14.6	.0	4.5	.0	.6	.2
Health Care Financing Admin	49.7	-	29.9	.0	5.0	.0	12.4	.0	2.0	.3
Health Resources & Services Admin	12.8	2.8	.0	.0	8.0	.0	2.0	.0	.0	.0
National Institutes of Health	14,755.4	2,662.0	695.5	152.4	8,761.5	37.1	2,300.6	19.6	78.5	48.3
Office of the Secretary, total	17.7	1.8	.6	.0	8.0	.0	6.3	.0	1.0	.0
Office of the Assistant Secretary, Planning & Evaluation	13.9	1.5	.6	.0	4.6	.0	6.3	.0	1.0	.0
Office of Public Hlth & Science	3.8	.3	.0	.0	3.4	.0	.0	.0	.0	.0
Substance Abuse & Mental Health Services Administration ³	289.3	-	206.1	.0	28.6	.0	46.3	.0	8.4	.0
Dept of Housing & Urban Development	57.0	32.2	11.6	.0	1.0	.0	12.1	.0	.0	.0
Department of the Interior, total	641.5	568.3	15.8	.0	47.8	.0	1.7	.0	6.0	1.9
Bureau of Reclamation	10.3	7.2	.0	.0	2.2	.0	.2	.0	.6	.0
Geological Survey	579.1	541.6	5.5	.0	26.6	.0	.0	.0	5.3	.0
Minerals Management Service	28.8	7.0	9.0	.0	9.9	.0	.8	.0	.1	1.9
National Park Service	23.4	12.4	1.3	.0	9.1	.0	.6	.0	.0	-
Department of Justice, total	118.6	42.0	5.0	5.4	22.9	.0	17.9	.4	25.0	.0
Bureau of Prisons	11.0	3.0	.0	.0	.0	.0	.0	.0	8.0	.0
Federal Bureau of Investigation	36.3	36.3	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc .....	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs	71.1	2.4	5.0	5.4	22.9	.0	17.9	.4	17.1	.0
Department of Labor, total	54.1	19.3	3.9	.0	5.3	.0	25.7	.0	.0	.0
Bureau of Labor Statistics	12.4	8.4	.0	.0	4.0	.0	.0	.0	.0	.0
Employment & Training Admin	33.8	8.2	.0	.0	1.1	.0	24.5	.0	.0	.0
Occupational Safety & Health Admin	3.8	1.4	2.3	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	1.0	.2	.6	.0	.1	.0	.0	.0	.0	.0
Pension Benefit Guaranty Corp .....	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefits Admin	2.5	.7	.5	.0	.2	.0	1.1	.0	.0	.0
Department of State ⁴	1.5	.5	1.0	.0	.0	-	.0	.0	.0	.0
Department of Transportation, total	667.0	215.6	213.6	.9	52.6	1.0	13.6	5.1	163.9	.7
Coast Guard	20.3	14.4	5.5	.4	.0	.0	.0	.0	.0	.0
Federal Aviation Administration	205.3	94.1	90.8	.0	15.4	.0	.0	5.1	.0	.0
Federal Highway Administration	333.2	53.5	91.6	.5	18.1	.9	8.9	.0	159.7	-
Federal Railroad Administration	20.9	10.8	8.6	.0	1.3	.0	.0	.0	.0	.3
Federal Transit Administration	20.5	2.4	2.3	.0	11.9	.0	3.9	.0	.0	.0
Nat'l Highway Traffic Safety Admin	50.4	30.8	12.9	.0	5.9	.0	.4	.0	.0	.4
Office of the Secretary	9.1	4.9	.1	.0	.0	.0	.0	.0	4.2	.0
Research & Special Programs Admin	7.3	4.8	1.8	.0	.1	.1	.5	.0	.0	.0
Department of the Treasury, total	64.7	41.8	23.0	.0	.0	.0	.0	.0	.0	.0
Bureau of Engraving & Printing	2.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service	55.8	38.1	17.8	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision .....	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	5.3	1.0	4.3	.0	.0	.0	.0	.0	.0	.0
United States Mint .....	.8	.1	.7	.0	.0	.0	.0	.0	.0	.0
United States Secret Service5	.4	.2	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	339.1	339.1	.0	.0	.0	.0	.0	.0	.0	.0

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Other agencies:										
Appalachian Regional Commission8	-	.4	.0	.4	.0	.1	.0	.0	.0
Environmental Protection Agency	552.8	211.2	150.0	.0	127.8	.0	53.3	.0	9.3	1.2
Federal Communications Commission	4.5	4.5	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation Agency, total	203.0	21.9	10.0	.0	13.0	.0	138.2	.0	.0	19.9
Agcy for International Dvlpmnt ⁵	203.0	21.9	10.0	.0	13.0	.0	138.2	.0	.0	19.9
Library of Congress	2.4	1.8	.6	.0	-	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	9,525.7	2,370.2	4,565.4	.9	786.6	1,286.0	386.3	8.0	11.1	111.2
National Archives & Records Admin1	.1	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	2,506.0	21.4	89.2	.1	2,076.4	153.1	146.5	.8	5.3	13.4
Nuclear Regulatory Commission	49.0	14.7	3.4	14.6	4.5	4.4	.4	5.1	.0	2.0
Smithsonian Institution	90.0	90.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Administration	53.3	2.4	36.6	.0	5.0	.0	3.9	.0	5.5	.0
United States Information Agency1	.1	.0	.0	.0	.0	.0	.0	.0	.0
US International Trade Commission	9.7	9.7	.0	.0	.0	.0	.0	.0	.0	.0

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.

³ Data for fiscal years 1999-2001 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.

⁴ Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.

⁵ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 1999-2001) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-1996). More accurate data for AID will be reported in future volumes of this survey.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

KEY: - = Amount less than 50 thousand dollars
FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001